

#### **ABSTRACT OF THE DISCLOSURE**

- The present invention provides that a gas discharge panel substrate assembly comprising: electrodes formed on a substrate, a dielectric layer covering the electrodes, and a protective layer covering
- 5 the dielectric layer and in contact with a discharge space, wherein the protective layer includes MgO and at least one compound selected from the group consisting of an Al compound, a Ti compound, a Y compound, a Zn compound, a Zr compound, a Ta compound and SiC.